

IKAROS REGULATORY ELEMENTS AND USES THEREOFAbstract of the Disclosure

5 The invention features Ikaros transcriptional control regions which include one or
more Ikaros regulatory elements. Such regulatory regions can be used, for example, to direct
expression of a sequence functionally unrelated to the Ikaros gene, e.g., a sequence encoding
a reporter molecule. The invention further features a transgenic animal having an Ikaros
transgene which includes an Ikaros transcriptional control region and a sequence functionally
10 unrelated to Ikaros, e.g., a sequence encoding a reporter molecule, and methods of using such
transgenic animals to evaluate hematopoietic development of an immune system component.

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